

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/EP 03/10931

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C08G18/12 C08G18/30 C08G18/22 C09D175/04 C09J175/04
B01J31/18

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C08G C09D C09J B01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 786 655 A (HESS HEINRICH ET AL) 22 November 1988 (1988-11-22) claims 1-6; example 3	1,6-8, 10-17
A	GB 1 550 235 A (BAYER AG) 8 August 1979 (1979-08-08) claims 1-24	1-20
X	US 4 874 831 A (HOUSE DAVID W ET AL) 17 October 1989 (1989-10-17) column 7, line 37 - line 64; examples IV,V	1,6-8, 10-17
X	EP 0 376 674 A (MITSUI TOATSU CHEMICALS) 4 July 1990 (1990-07-04) examples 1-3	1,6-8, 10-17
	-/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- *G* document member of the same patent family

Date of the actual completion of the international search

17 February 2004

Date of mailing of the international search report

23/02/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Scheuer, S

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/10931

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>EP 0 761 705 A (HUELS CHEMISCHE WERKE AG) 12 March 1997 (1997-03-12) claims 1-8</p>	1-20

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
PCT/EP 03/10931

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4786655	A	22-11-1988	DE 3640855 A1	09-06-1988
			CA 1290889 C	15-10-1991
			DE 3788939 D1	10-03-1994
			EP 0269943 A2	08-06-1988
			JP 63142017 A	14-06-1988
			US 4894429 A	16-01-1990
GB 1550235	A	08-08-1979	DE 2603834 A1	04-08-1977
			BE 850910 A1	01-08-1977
			FR 2339633 A1	26-08-1977
US 4874831	A	17-10-1989	US 4960620 A	02-10-1990
EP 0376674	A	04-07-1990	CA 2006725 A1	28-06-1990
			CN 1048225 A ,B	02-01-1991
			DE 68921866 D1	27-04-1995
			DE 68921866 T2	27-07-1995
			EP 0376674 A1	04-07-1990
			JP 2258877 A	19-10-1990
			KR 9303016 B1	16-04-1993
			US 5059671 A	22-10-1991
EP 0761705	A	12-03-1997	DE 19532294 A1	06-03-1997
			AT 186926 T	15-12-1999
			CA 2184559 A1	02-03-1997
			DE 59603706 D1	30-12-1999
			EP 0761705 A1	12-03-1997
			ES 2140759 T3	01-03-2000
			JP 9132754 A	20-05-1997
			US 5756634 A	26-05-1998